

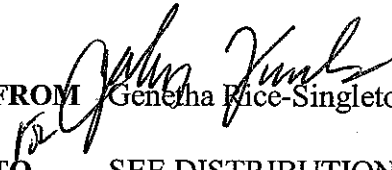
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P.I. No. 0008615, DeKalb County  
CSCMQ-0008-00(615)  
SR 154/Memorial Drive Sidewalks Phase III

**OFFICE:** Program Control

**DATE:** January 4, 2010

  
**FROM** Geneva Rice-Singleton, Program Control Administrator

**TO** SEE DISTRIBUTION

**SUBJECT APPROVED PROJECT CONCEPT REPORT**

Attached for your files is the approval for subject project.

Attachment

**DISTRIBUTION:**

Ron Wishon  
Glenn Bowman  
Ken Thompson  
Michael Henry  
Keith Golden  
Paul Liles  
Bryant Poole  
Mike Lobdell  
Merishia Robinson  
BOARD MEMBER


**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** P.I. No. 0008615, DeKalb County  
CSCMQ-0008-00(615)  
SR 154/Memorial Drive Sidewalks Phase III

**OFFICE:** Program Control

**DATE:** December 15, 2009

  
**FROM:** Genetha Rice-Singleton, Program Control Administrator

**TO:** Gerald M. Ross, P.E., Chief Engineer

**SUBJECT: PROJECT CONCEPT REPORT**

This project consists of the construction of sidewalks along SR 154/Memorial Drive from East Lake Boulevard to Candler Road for a total of 1.31 miles. The proposed improvements are part of a larger network of existing, programmed, and planned sidewalks that aim to improve pedestrian safety and mobility and provide alternative modes of transportation in the region. The need exists to provide a continuous sidewalk along the Memorial Drive Corridor for the purpose of providing pedestrian connectivity between the residential and other mixed development. Currently, there is a combination of worn foot trails along the roadway shoulder and sections of narrow sidewalk. Sidewalks are present along approximately half of the project corridor.

Sidewalks will be added in areas currently without them, and any existing sidewalks that have substandard widths or in poor condition would be replaced. Wheelchair ramps at driveways and intersections will be added, ramps will be ADA compliant to the maximum extent feasible. The proposed typical section will be an urban shoulder, including a 5' sidewalk with a 2' stamped concrete buffer. It is expected that the majority of the existing curb will be replaced. Retaining walls will also be used at a number of locations along the project length to minimize property impacts.

Environmental concerns include requiring a Categorical Exclusion be prepared (approved as part of project P.I. No. 0000608); a Public Information Open House will be held; Time saving procedures is appropriate.

P.I. No. 0008615, DeKalb County  
Page 2  
December 15, 2009

The estimated costs for this project are:

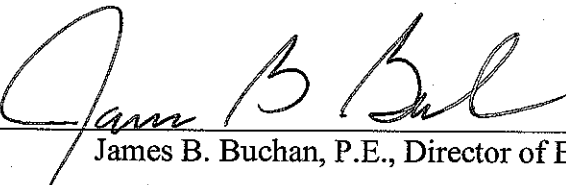
	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C)	\$963,843	\$1,044,000	L400	2012
Right-of-way & Utilities	LOCAL	LOCAL	LOCAL	LOCAL

\*City of Atlanta signed PFA for PE, ROW, Utilities and 20% construction

I recommend this project concept be approved and oversight PE (\$50,000) be added to the Programmed Funds.

GRS: JDQ  
Attachment

CONCUR



James B. Buchan, P.E., Director of Engineering

APPROVED



Gerald M. Ross, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION**  
**STATE OF GEORGIA**  
*District Seven Preconstruction*

**PROJECT CONCEPT REPORT**

SR 154 Memorial Drive Sidewalks Phase Three  
From East Lake Blvd to Candler Road (SR155)

Project Number: CSCMQ-0008-00(615)

County: DeKalb

P. I. Number: 0008615

Federal Route Number: None

State Route Number: 154

State Route Number: 155

See Project Location Sketch on Page 2

Recommendation for approval:

DATE 10/2/09

DATE 10-2-09

  
Project Manager  
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environment/Location Engineer

DATE 10-15-09

  
State Traffic Operations Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Engineering Administrator

10-2-09

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
*District Seven Preconstruction*

PROJECT CONCEPT REPORT

SR 154 Memorial Drive Sidewalks Phase Three  
From East Lake Blvd to Candler Road (SR155)

Project Number: CSCMQ-0008-00(615)

County: DeKalb

P. I. Number: 0008615

Federal Route Number: None

State Route Number: 154

State Route Number: 155

See Project Location Sketch on Page 2

Recommendation for approval:

DATE 10/2/09

DATE 10-2-09

*W. J. Hall*  
Project Manager  
*Rachel S. Brown*  
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

DATE 10-6-09

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

State Transportation Planning Administrator

*Angela O. Whitworth*  
Financial Management Administrator

State Environment/Location Engineer

State Traffic Operations Engineer

State Transportation Engineering Administrator



**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**


---

**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** P.I. No. 0008615

**OFFICE:** Environment/Location

**DATE:** October 14, 2009

**FROM:**   
Glenn Bowman, P.E., State Environmental/Location Engineer

**TO:** Genetha Rice-Singleton, Assistant Director of Preconstruction

**SUBJECT:** PROJECT CONCEPT REPORT  
CSCMQ-0008-00(615) / DeKalb County  
Memorial Drive Sidewalks Phase Three

The above subject Concept Report has been reviewed and appears satisfactory subject to the following comments:

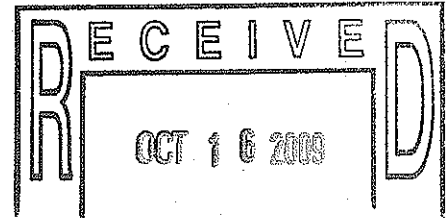
- 1) Two previously identified historic properties are located adjacent to the project corridor. If significant impacts to historic (4)f resources cannot be avoided, then the proposed environmental schedule must be revised significantly.
- 2) Please list who is responsible for the environmental work in the Project Responsibilities section.

If you have any questions, please contact me at (404) 631-1101.

GB/lc

Attachment

cc: Ron Wishon  
Angela Whitworth  
Angela Alexander  
Jamie Simpson  
Bryant Poole



**DEPARTMENT OF TRANSPORTATION**  
**STATE OF GEORGIA**  
*District Seven Preconstruction*

**PROJECT CONCEPT REPORT**

SR 154 Memorial Drive Sidewalks Phase Three  
From East Lake Blvd to Candler Road (SR155)

Project Number: CSCMQ-0008-00(615)

County: DeKalb

P. I. Number: 0008615

Federal Route Number: None

State Route Number: 154

State Route Number: 155

See Project Location Sketch on Page 2

Recommendation for approval:

DATE 10/2/09

DATE 10-2-09

*Walt / [Signature]*  
Project Manager  
*Rachel S. Brown*  
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE 10/15/09

*[Signature]*  
State Environment/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Operations Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Engineering Administrator

**DEPARTMENT OF TRANSPORTATION**  
**STATE OF GEORGIA**  
*District Seven Preconstruction*

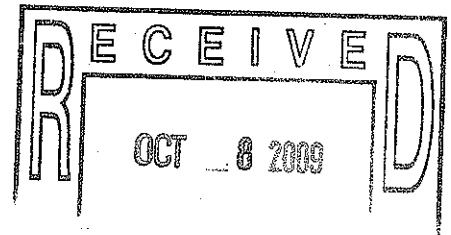
**PROJECT CONCEPT REPORT**

SR 154 Memorial Drive Sidewalks Phase Three  
From East Lake Blvd to Candler Road (SR155)

Project Number: CSCMQ-0008-00(615)  
County: DeKalb  
P. I. Number: 0008615

Federal Route Number: None  
State Route Number: 154  
State Route Number: 155

See Project Location Sketch on Page 2



Recommendation for approval:

DATE 10/2/09

DATE 10-2-09

*Wil / [Signature]*  
Project Manager  
*Rachel S. Brown*  
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE 10/6/09

*Angela J. Alexander*  
State Transportation Planning Administrator

DATE \_\_\_\_\_

Office of Financial Management Administrator

DATE \_\_\_\_\_

State Environment/Location Engineer

DATE \_\_\_\_\_

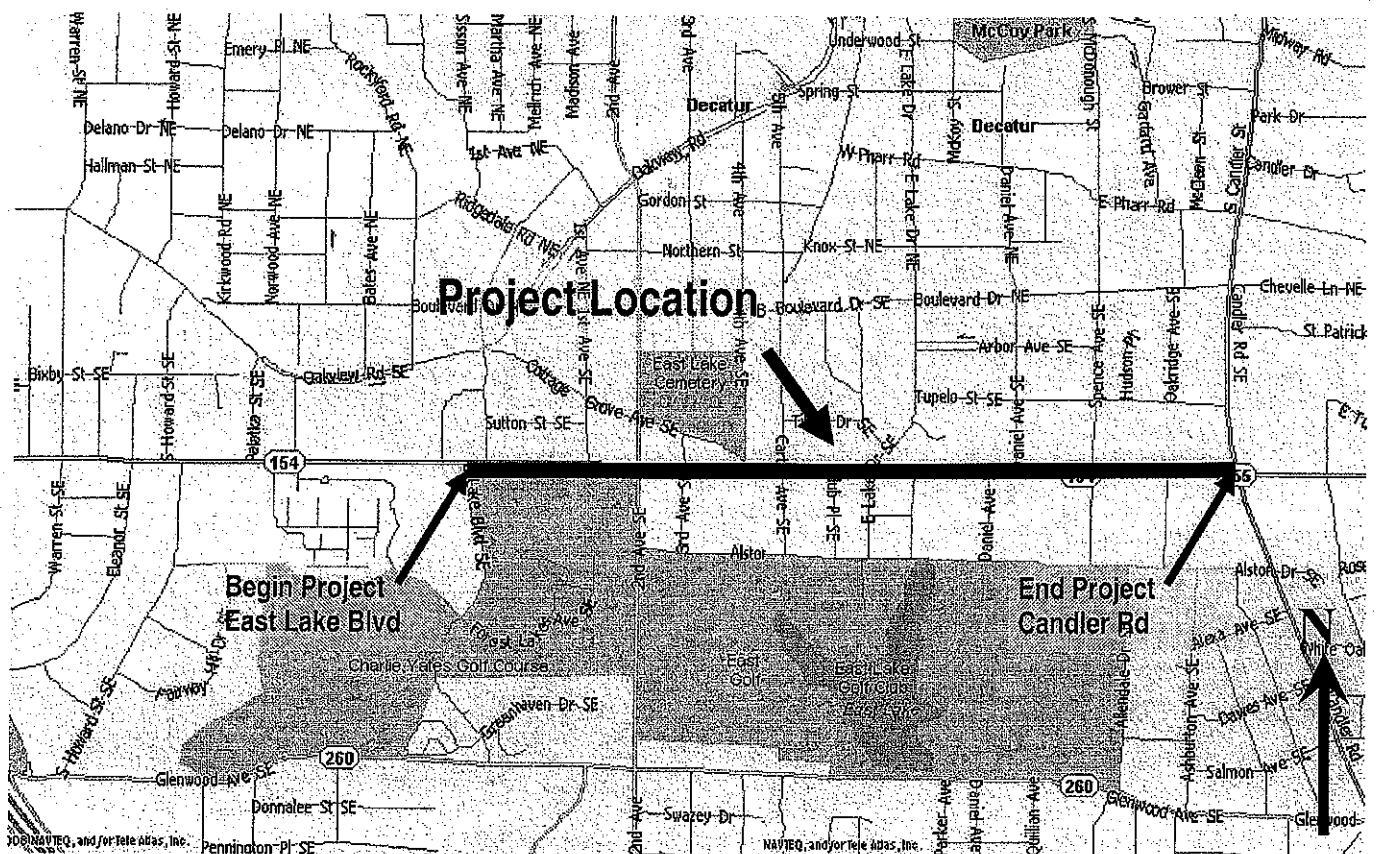
State Traffic Operations Engineer

DATE \_\_\_\_\_

State Transportation Engineering Administrator



## LOCATION MAP



917

Project Concept Report  
Project Number: CSCMQ-0008-00(615)  
P. I. Number: 0008615  
County: DeKalb  
Page: 3 of 7

**Need and Purpose:** The purpose of the project is to provide a continuous ADA accessible sidewalk route along the Memorial Drive (SR 154), from MP 2 at East Lake Boulevard, to MP 3.31 at Candler Road (SR 155). To accomplish this purpose, existing sidewalks, driveway aprons, and striping will be upgraded to ADA standards and new ADA accessible sidewalks will be installed in locations where sidewalks do not currently exist.

This projects resolves many needs throughout the Memorial drive corridor, including: 1) provide accessibility in accordance with ADA; numerous worn unpaved footpaths along the road within the project area indicate the need for an accessible route along Memorial Drive, 2) to encourage pedestrian trips as an alternative to motorized trips which will improve the Atlanta Region's air quality, 3) to provide intermodal connectivity via sidewalks to MARTA bus routes, 4) to provide pedestrian connectivity to the following destinations in the Memorial Drive corridor: residential neighborhoods, shopping centers, commercial districts, Crim High School, Drew Elementary School, East Lake Elementary School, the YMCA, and Charlie Yates Golf Course, and 5) to improve safety conditions for pedestrians in the Memorial Drive corridor by repairing and replacing broken sidewalks.

**Description of the proposed project:** This project will install new concrete sidewalks, Type 1, 6"granite header curbs, driveway aprons, and ADA accessible ramps along the north side of Memorial Drive (SR 154) between East Lake Boulevard and 2<sup>nd</sup> Avenue and along the south side of Memorial Drive (SR 154) between 2<sup>nd</sup> Avenue and Candler Road (SR 155). Proposed sidewalks will be 5' wide with an adjacent 2' wide stamped concrete band. Portions of existing driveways will be rebuilt in order to meet the grades of the new driveway aprons; these driveways will be replaced in kind with either concrete or asphalt over GAB. A 15' minimum radii will be installed at all intersections on the north side of the road between East Lake Boulevard and 2<sup>nd</sup> Avenue, at all signalized intersections on the north side of the road between 2<sup>nd</sup> Avenue and Candler Road and at all intersections on the south side of the road between 2<sup>nd</sup> Avenue and Candler Road. Trees will be planted 3' behind the sidewalk.

The project length totals 1.31 miles in the City of Atlanta, Dekalb County, Georgia.

**Is the project located in a Non-attainment area?**    ☒ Yes    ☐ No

The project is included in the FY 2008-20013 Transportation Improvement Program by the ARC as project number AT-AR-BP127C and is modeled as a pedestrian facility and will not add capacity. As such, it is exempt from air quality analysis.

**PDP Classification:** Major \_\_\_\_\_ Minor ☒

**Federal Oversight:** Full Oversight ( ), Exempt ( ☒ ), State Funded( ), or Other ( )

**Functional Classification:** Urban Minor Arterial

**U. S. Route Number(s):**    None    **State Route Number(s):**    154 &155

Traffic (AADT): N/A

**Existing design features:**

- Typical Section: Roadway width (curb to curb) varies from 32 to 40 feet. There are 4 travel lanes (two lanes in each direction) between East Lake Boulevard and 2<sup>nd</sup> Avenue. There are 3 travel lanes (one lane each direction and a center reversible lane) between 2<sup>nd</sup> Avenue and Candler Road. Lane width within the project limits averages 10'-8". Shoulder width varies ( 6'-4" minimum and 24' maximum).
- Posted speed 35 mph
- Minimum radius for curve: NA
- Maximum super-elevation rate for curve: NA
- Maximum grade: 4.2% Mainline, 22% Driveway, 3.0% Cross Roads
- Width of right-of-way: Varies 50 ft. to 72.5 ft.
- Major structures: There are no existing major structures in the project site
- Major interchanges or intersections along the project: The intersection of Memorial Drive with 2<sup>nd</sup> Avenue, Cottage Grove Avenue, east Lake Drive, Daniel Avenue, Spence Avenue, and Candler Road (SR155).
- Existing length of roadway segment and the beginning mile logs for each county segment.  
Memorial Drive (SR 154)      BEGIN MP: 2.00      END MP: 3.31

**Proposed Design Features:**

- Proposed typical section(s): New sidewalks, 6" granite header curb (Type 1), drive aprons, and ADA accessible ramps will be constructed within the existing right-of-way matching the existing typical section. Proposed sidewalks are 5' wide with an adjacent 2' wide stamped concrete band. New granite header curb will be constructed throughout. Tree planting will be placed 3' behind the proposed sidewalks. Shoulder width Varies; however the minimum width is 7.5'. The roadway widths and grades will not be adjusted.
- Proposed Design Speed Mainline 35 mph
- Proposed Maximum grade Mainline NA      Maximum grade allowable NA
- Proposed Maximum grade Side Street NA      Maximum grade allowable NA
- Proposed Maximum grade driveway 11% Commercial, 27% residential
- Proposed Maximum degree of curve NA      Maximum degree allowable NA
- Right-of-Way
  - Width: varies 50 to 72.5 feet
  - Easements: Temporary ( ), Permanent (X), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit (X), Other ( ).
  - Number of parcels: 55      Number of displacements:
    - Business: 0
    - Residences: 0
    - Mobile homes: 0
    - Other: 0

- Structures:
  - Bridges: None
  - Retaining walls:
    - Location: MP 3.18, Length: (250 lf), max height 36"
- Major intersections and interchanges: The intersection of Memorial Drive with 2<sup>nd</sup> Avenue, Cottage Grove Avenue, east Lake Drive, Daniel Avenue, Spence Avenue, and Candler Road (SR155).
- Traffic control during construction: The Contractor will maintain traffic and existing ADA pathways during construction.
- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	( )	( )	(X)
ROADWAY WIDTH:	( )	( )	(X)
SHOULDER WIDTH:	( )	( )	(X)
VERTICAL GRADES:	( )	( )	(X)
CROSS SLOPES:	( )	( )	(X)
STOPPING SIGHT DISTANCE:	( )	( )	(X)
SUPERELEVATION RATES:	( )	( )	(X)
HORIZONTAL CLEARANCE:	( )	( )	(X)
SPEED DESIGN:	( )	( )	(X)
VERTICAL CLEARANCE:	( )	( )	(X)
BRIDGE WIDTH:	( )	( )	(X)
BRIDGE STRUCTURAL CAPACITY:	( )	( )	(X)

- Design Variances
  - Maintain utility poles within 1.5' of Roadway, Minimum Shoulder width of 7'
- Environmental concerns:
  - Environmental permits anticipated: stream buffer variance at Cottage Grove Avenue and East Lake Park
- Probable Locations Of USTs:
  - NA
- Probable Location Of Hazardous Waste:
  - Private Residence at 2733 Memorial Drive (ERNS Database listing for release of oil or hazardous substance)
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X ), No ( ),
  - Categorical exclusion ( X ),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ).
- Utility involvements: (City of Atlanta Department of Watershed Management, Georgia Power Distribution, Georgia Power Transmission, Atlanta Gas Light, Comcast, and AT&T)

Project Concept Report  
Project Number: CSCMQ-0008-00(615)  
P. I. Number: 0008615  
County: DeKalb  
Page: 6 of 7

**VE Study Required**      Yes( )      No( X )

**Project responsibilities:**

- o Design: **CITY OF ATLANTA**
- o Right-of-Way Acquisition: **CITY OF ATLANTA**
- o Relocation of Utilities: **CITY OF ATLANTA**
- o Letting to contract: **CITY OF ATLANTA**
- o Supervision of construction: **CITY OF ATLANTA**
- o Providing material pits: **CONTRACTOR**
- o Providing detours: **NA**

**Coordination**

- Concept Meeting: June 2, 2009
- P A R meetings, dates and results: NA
- FEMA, USCG, and/or TVA: NA
- Public involvement.: NA
- Local government comments: NA
- Other projects in the area:
  - o PI 0000608 SR 154 (Memorial Drive) Sidewalks Phase 1
  - o PI 00008614, SR 154 (Memorial Drive) Sidewalks Phase 2
  - o PI 0006979, SR 154 (Memorial Drive) Pedestrian Connectivity
  - o PI 0007130 SR 154 (Memorial Drive) Pedestrian Enhancements
  - o PI 0003102 SR 155 (Candler Road) Pedestrian Enhancements Phase 2
- Railroads: NA
- Other coordination to date: NA

**Scheduling – Responsible Parties' Estimate**

- Time to complete the environmental process: (CE was approved as part of PI 0000608).
- Time to complete preliminary construction plans: 8 Months.
- Time to complete right-of-way plans: 12 Months.
- Time to complete the Section 404 Permit: N/A.
- Time to complete final construction plans: 9 Months.
- Time to complete to purchase right-of-way: 24 Months.

Project Concept Report  
Project Number: CSCMQ-0008-00(615)  
P. I. Number: 0008615  
County: DeKalb  
Page: 7 of 7

**Other alternates considered:** None, Limited sidewalks in this area

**Comments:** None

**Attachments:**

1. Cost Estimate
  - a. Construction Including E&C
  - b. Right of Way
  - c. Utilities
  - d. Fuel Price Adjustment
2. Typical Sections
3. Location and Design Notice

# Summary of Costs

Project P.I. No.0008615

<b>Subtotal Construction Cost</b>	<b>\$887,407.93</b>
-----------------------------------	---------------------

- |                               |             |
|-------------------------------|-------------|
| • Engineering & Inspection 5% | \$44,370.40 |
| • Construction Contingency 3% | \$27,953.35 |
| • Total Fuel Adjustment       | \$ 4,111.67 |

<b>Total Construction Cost</b>	<b>\$963,843.35</b>
--------------------------------	---------------------

- |                                  |                      |
|----------------------------------|----------------------|
| • Right-of-Way-- LOCAL           | \$ 153,267.70        |
| • Reimbursable Utilities-- LOCAL | <u>\$ 360,500.00</u> |

<b>Total Project Cost</b>	<b>\$1,477,611.05</b>
---------------------------	-----------------------

**Estimate Report for file "PI 0008615"****Section Traffic Control**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	Lump Sum	85000.00	TRAFFIC CONTROL - #CSCMQ-008-00(615)	85000.00
<b>Section Sub Total:</b>					<b>\$85,000.00</b>

**Section Signing & Marking**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-6515	22	EA	31.27	REM HIGHWAY SIGN, STD	687.94
636-1041	100	SF	37.36	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	3736.00
636-2070	165	LF	8.71	GALV STEEL POSTS, TP 7	1437.15
653-1501	5650	LF	0.44	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2486.00
653-1704	60	LF	3.53	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	211.80
653-1804	620	LF	1.73	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	1072.60
<b>Section Sub Total:</b>					<b>\$9,631.49</b>

**Section Erosion Control**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	1	AC	470.24	TEMPORARY GRASSING	470.24
163-0240	2	TN	171.00	MULCH	342.00
163-0530	140	LF	2.55	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	357.00
163-0550	6	EA	210.99	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	1265.94
165-0030	4500	LF	0.87	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	3915.00
165-0105	6	EA	90.49	MAINTENANCE OF INLET SEDIMENT TRAP	542.94
171-0030	9000	LF	3.34	TEMPORARY SILT FENCE, TYPE C	30060.00
700-6910	1	AC	894.81	PERMANENT GRASSING	894.81
700-7000	3	TN	67.62	AGRICULTURAL LIME	202.86
700-8000	1	TN	399.20	FERTILIZER MIXED GRADE	399.20
716-2000	125	SY	0.98	EROSION CONTROL MATS, SLOPES	122.50
<b>Section Sub Total:</b>					<b>\$38,572.49</b>

**Section Roadway**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	147	TN	17.85	GR AGGR BASE CRS, INCL MATL	2623.95
400-3101	120	TN	105.68	ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL, GILSONITE MODIFIER & H LIME	12681.60
413-1000	17	GL	2.35	BITUM TACK COAT	39.95
437-1571	6925	LF	35.00	STRAIGHT GRANITE CURB, 5 IN X 17 IN, TP A	242375.00
441-0016	675	SY	37.47	DRIVEWAY CONCRETE, 6 IN TK	25292.25
441-0104	5400	SY	31.34	CONC SIDEWALK, 4 IN	169236.00
500-9999	290	CY	192.88	CLASS B CONC, BASE OR PVMT WIDENING	55935.20
<b>Section Sub Total:</b>					<b>\$508,183.95</b>

**Section Earthwork-Demolition**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
210-0100	1	Lump Sum	175000.00	GRADING COMPLETE - #CSCMQ-008-00(615)	175000.00
<b>Section Sub Total:</b>					<b>\$175,000.00</b>

**Section Miscellaneous**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
607-1000	200	CY	266.25	MORTAR RUBBLE MASONRY	53250.00



643-8200	1000	LF	2.77	BARRIER FENCE (ORANGE), 4 FT	2770.00
702-0030	30	EA	500.00	ACER RUBRUM -	15000.00
Section Sub Total:					\$71,020.00

Total Estimated Cost: \$887,407.93


**Subtotal Construction Cost** \$887,407.93 *E=5*  
 E&C Rate 3.0 % \$26,622.24 *A=3%*  
 Inflation Rate 0.0 % @ 0 Years \$0.00  


---

**Total Construction Cost** \$914,030.17  
 Right Of Way \$0.00 *\$153,267*  
 ReImb. Utilities \$0.00 *\$360,500*  


---

**Grand Total Project Cost** \$914,030.17



# Preliminary Right of Way Cost Estimate

Date: 09-25-2009

Project: CSCMQ-0008-00(615)

Existing/Required R/W: Required

Project Termini: Candler Road

Project Description: This project includes the installation of new sidewalks, curbing, driveway aprons, small walls, accessible ramps, and crosswalk improvements along the north side of Memorial Drive from East Lake Boulevard to Second Avenue and along the south side of Memorial Drive from Second Avenue to Candler Road).

P.I. Number: 0008615

No. Parcels: 55

## Land:

Commercial	3,750 s.f @ \$12.65/s.f. =	\$ 47,437.50
Industrial	s.f @ /s.f. =	\$0
Residential	2,362 s.f @ \$ 2.90 /s.f. =	\$ 6,849.80
Agricultural	s.f @ \$ /s.f. =	\$0

**TOTAL** \$ 54,287.30

## Improvements:

### Relocation:

Commercial @ \$25,000/parcel	=	\$0
Residential @ \$40,000/parcel	=	\$0

**TOTAL** \$ 0

Damages: Proximity	\$ 3500
Consequential	\$ 10000
Cost to Cure	\$ 3500

**TOTAL** \$ 17,000.00

**SUB-TOTAL:** \$ 71,287.30

Net Cost	\$ 71,287.30
Scheduling Contingency 55 %	\$ 39,208.02
Adm/Court Cost 60 %	\$ 42,772.38
<b>TOTAL</b>	<b>\$ 153,267.70</b>

## Total Cost

**\$153,267.70**

Prepared By: Ryan H. Hester

Reviewed / Approved: \_\_\_\_\_

Howard P. Copeland  
R/W Administrator

Note: Accuracy of estimate is the sole responsibility of the Preparer.

Note: The Market Appreciation(40%) is not included in this Preliminary Cost Estimate.

REVISED: 2-8-08

**PI 0008615 Memorial Drive Sidewalks Phase 3**  
**ORDER OF MAGNITUDE UTILITY COST ESTIMATE**  
 September 25, 2009

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	CONST. COST
1	RELOCATE UTILITY POLE (GA Power and AT&T)	21	EA	\$15,000.00	\$315,000
2	RESET WATER METER (City of Atlanta, Watershed Management)	48	EA	\$500.00	\$24,000
3	RESET GAS VALVE (Atlanta Gas Light)	5	EA	\$500.00	\$2,500
4	RELOCATE FIRE HYDRANT (City of Atlanta, Watershed Management)	3	EA	\$4,000.00	\$12,000
5	MISCELLANEOUS RELOCATIONS (AT&T, Atlanta Gas Light, City of Atlanta, Watershed Management, Comcast)	1	LS	\$7,000.00	\$7,000
TOTAL UTILITY COST=					\$360,500

P.I. Number 0008615County DekalbDate 9/25/2009Project Number CSCMQ-0008-00(615)

**Special Provision, Section 109-Measurement and Payment**  
**FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)**

ENTER FPL DIESEL	2.592
ENTER FPM DIESEL	5.832

ENTER FPL UNLEADED	2.444
ENTER FPM UNLEADED	5.499

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

<b>INCREASE ADJUSTMENT</b>
125.00%

<b>INCREASE ADJUSTMENT</b>
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 (CUBIC YARD)		0.29		0.15		
Excavations paid as specified by Sections 206 (CUBIC YARD)		0.29		0.15		
GAB paid as specified by the ton under Section 310 (TON)		0.29		0.24		
Hot Mix Asphalt paid as specified by the ton under Sections 400 (TON)	120.000	2.90	348.00	0.71	85.20	
Hot Mix Asphalt paid as specified by the ton under Sections 402 (TON)		2.90		0.71		
PCC Pavement paid as specified by the square yard under Section 430 (SY)		0.25		0.20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class __ (CY) Section 500				8.00		1.50		
Superstru Con Class __ (CY) Section 500				8.00		1.50		
Superstru Con Class __ (CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500				8.00		1.50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
Stru Steel Plan Quantity (LB) Section 601				8.00		1.50		
PSC Beams (LF) Section 507				8.00		1.50		
PSC Beams (LF) Section 507				8.00		1.50		
PSC Beams (LF) Section 607				8.00		1.50		
Stru Reinf Plan Quantity (LB) Section 511				8.00		1.50		
Stru Reinf Plan Quantity (LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511				8.00		1.50		
Piling inch (LF) Section 520				8.00		1.50		
Piling inch (LF) Section 520				8.00		1.50		
Piling inch (LF) Section 520				8.00		1.50		
Piling inch (LF) Section 520				8.00		1.50		
Piling inch (LF) Section 520				8.00		1.50		
Piling inch (LF) Section 520				8.00		1.50		
Drilled Caisson (LF) Section 524				8.00		1.50		
Drilled Caisson (LF) Section 524				8.00		1.50		
Drilled Caisson (LF) Section 524				8.00		1.50		
Pile Encasement (LF) Section 547				8.00		1.50		
Pile Encasement (LF) Section 547				8.00		1.50		
SUM QF DIESEL= 348.00 SUM QF UNLEADED= 85.20								
DIESEL PRICE ADJUSTMENT(\$)					\$1,037.32			
UNLEADED PRICE ADJUSTMENT(\$)					\$239.46			

# **ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)**

APPLICABLE TO CONTRACTS/PROJECTS CONTAINING THE 413 SPECIFICATION, SECTION 413.5.01 ADJUSTMENTS  
ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

ENTER APL

389

ENTER APM

875.25

125.00%

INCREASE ADJUSTMENT

L.I.N.

TYPE

TACK (GALLONS)

TACK (TONS)

REMARKS

413-1000

PG 58-22

17

0.0730

TMT =

0.0730

PRICE ADJUSTMENT(\$)

\$34.08

## **400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX**

ENTER APL

389

ENTER APM

875.25

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

125.00%

INCREASE ADJUSTMENT

L.I.N. / Spec Number

MIX TYPE

HMA

JMF AC%

AC

REMARKS

400-3101

12.5 mm SP

120

5.00

6.00

5.00

5.00

5.00

5.00

5.00

5.00

5.00

5.00

5.00

5.00

5.00

5.00

5.00

5.00

TMT =

6.00

PRICE ADJUSTMENT(\$)

\$2,800.80

# **ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)**

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENT'S ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

ENTER APL

ENTER APM

**MISSING APL OR APM** **MISSING APL OR APM**

## **Use this side for Asphalt Emulsion Only**

L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
TMT = <input type="text"/>		
REMARKS: <input type="text"/>		

## **Use this side for Asphalt Cement Only**

L.I.N.	TYPE	TACK (GALLONS)
TMT = <input type="text"/>		
REMARKS: <input type="text"/>		

**MONTHLY PRICE ADJUSTMENT(\$)** **MISSING APL OR APM**

## **ADJUSTMENT SUMMARY**

FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)

DIESEL PRICE ADJUSTMENT(\$) \$1,037.32

UNLEADED PRICE ADJUSTMENT(\$) \$239.46

ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX) \$34.08

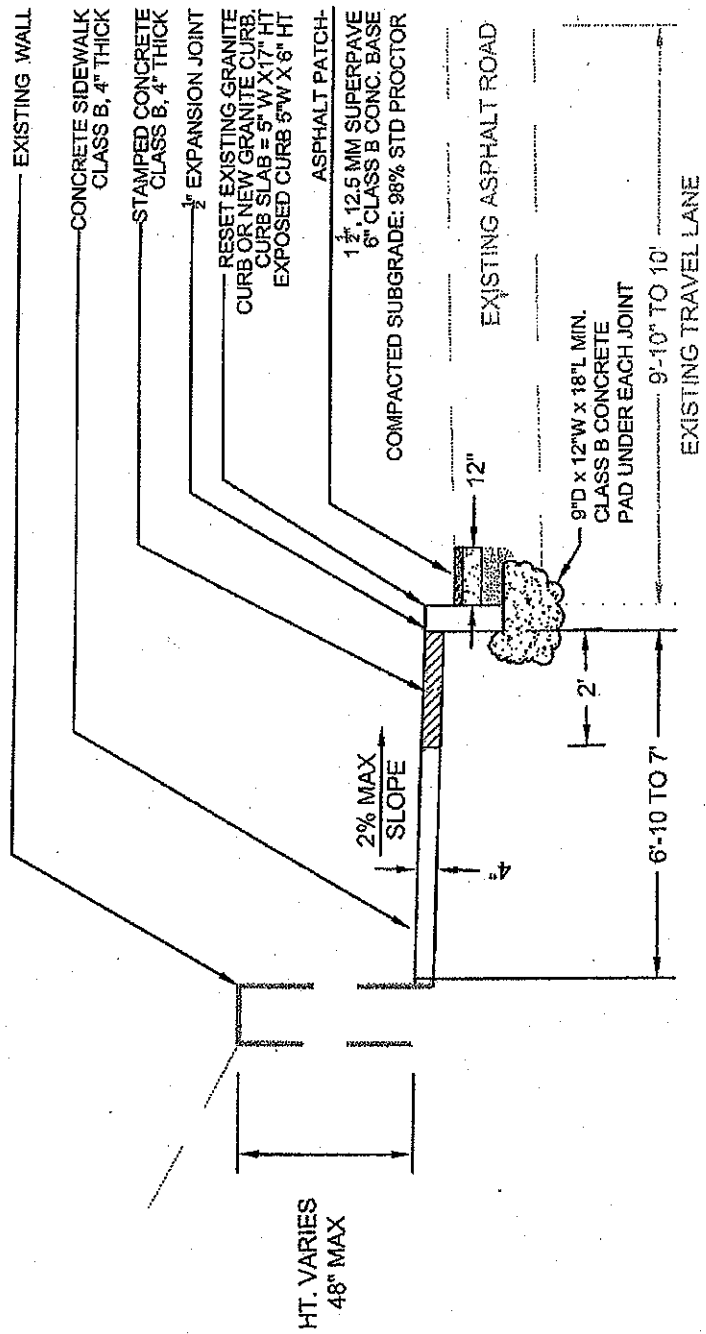
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX \$2,800.80

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX) MISSING APL OR APM

REMARKS:

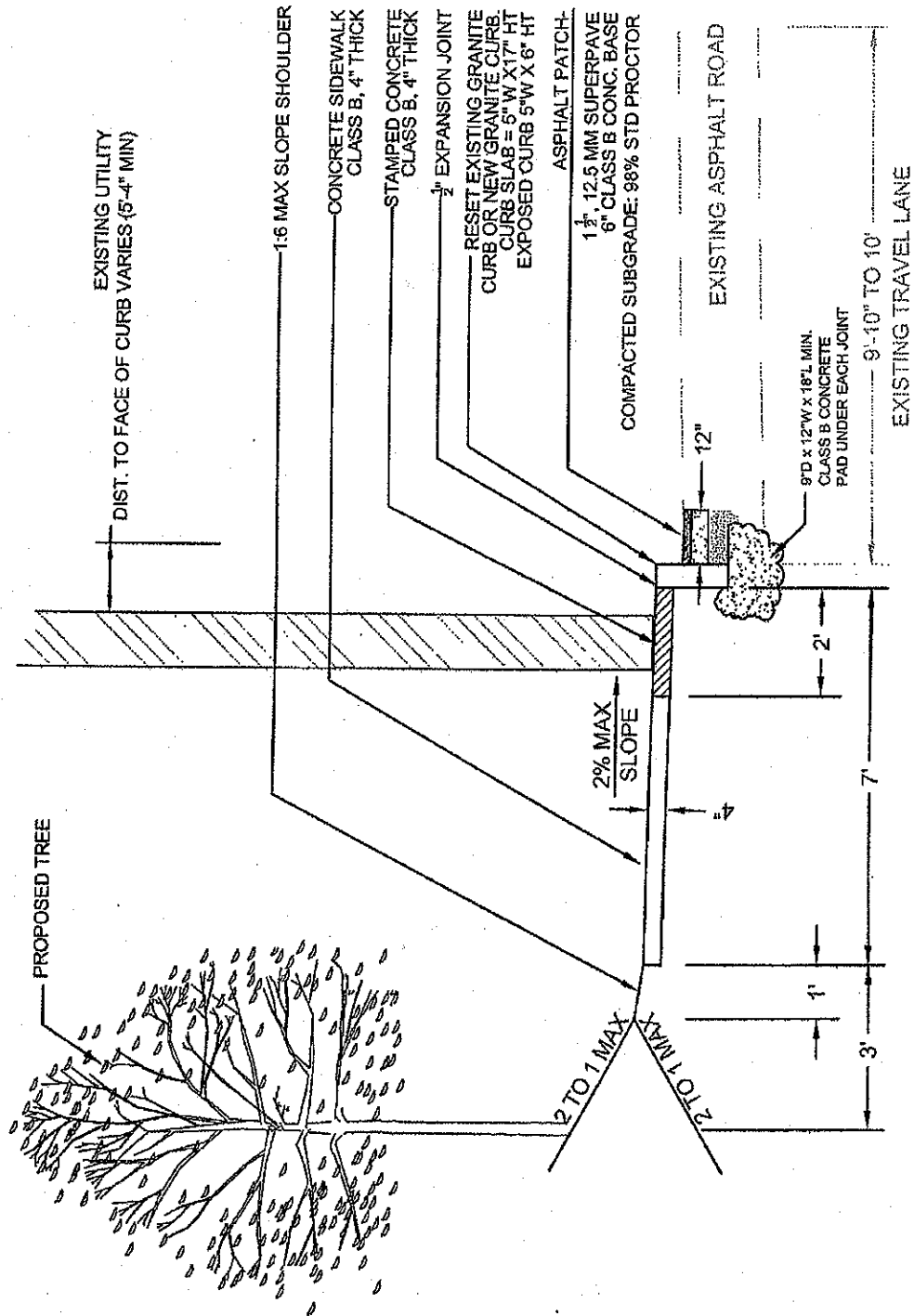
**TOTAL ADJUSTMENTS**

**\$4,111.67**

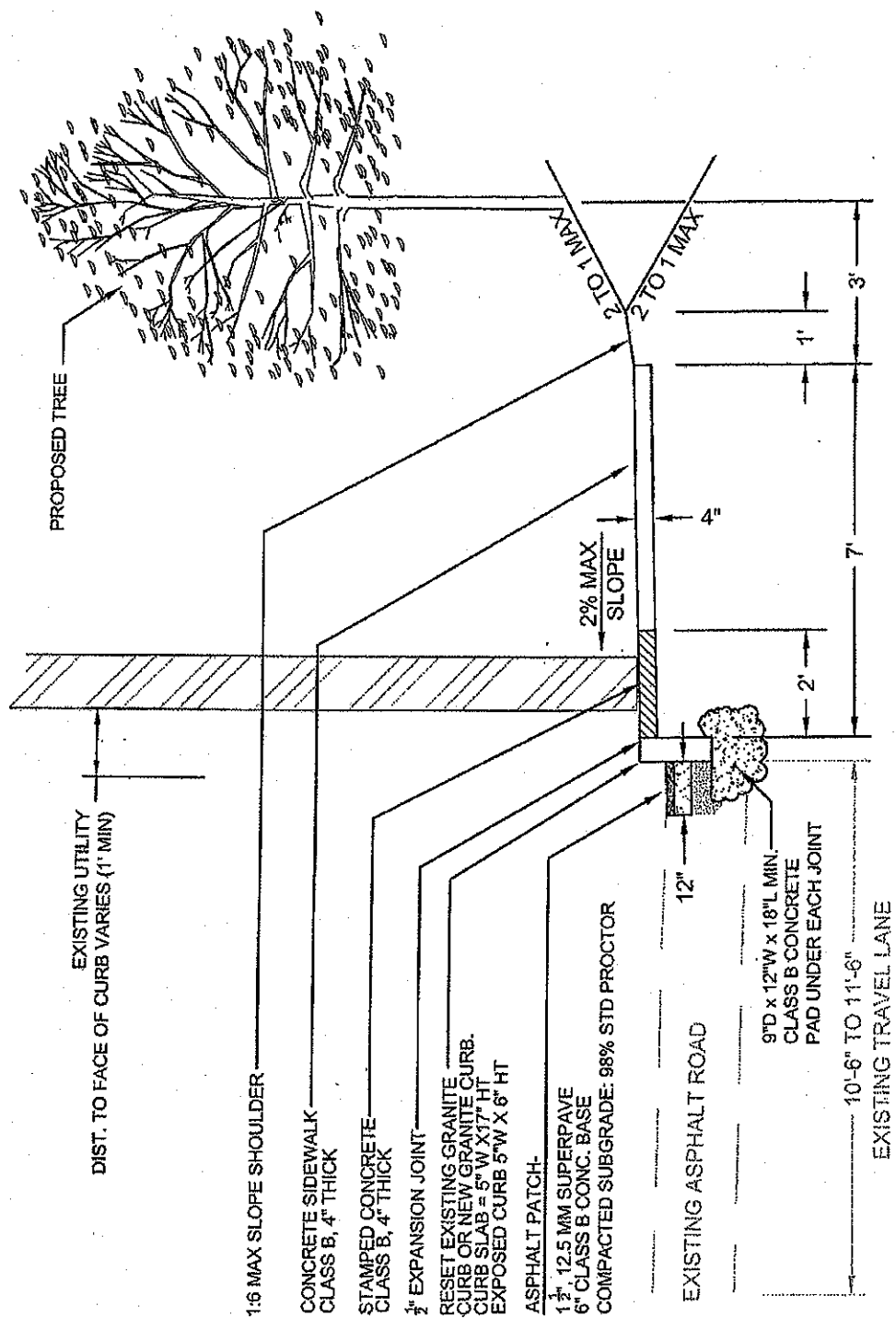


MEMORIAL DRIVE SIDEWALKS PH3.  
TYPICAL SECTION 1

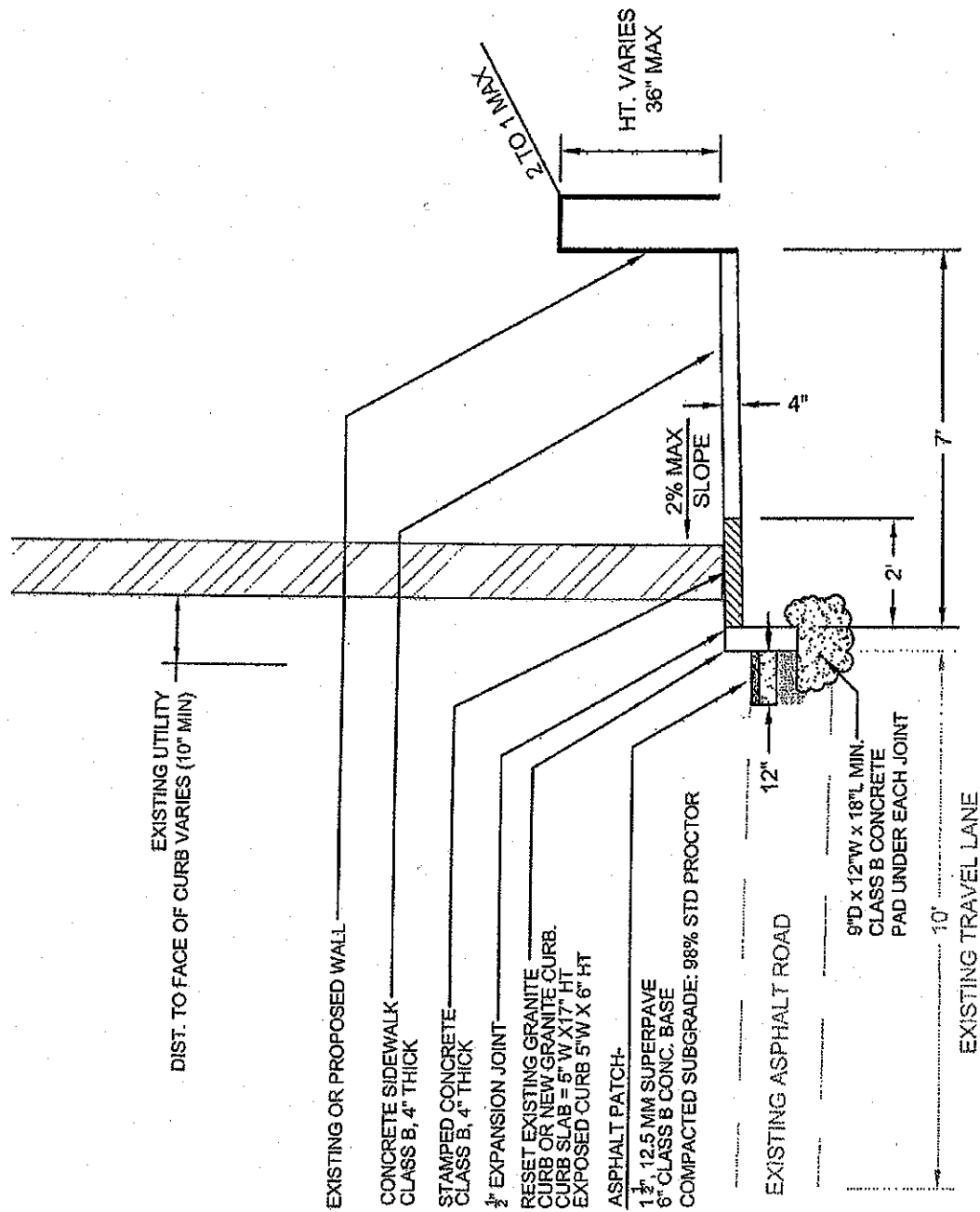




MEMORIAL DRIVE SIDEWALKS PH3  
TYPICAL SECTION 2



MEMORIAL DRIVE SIDEWALKS PH3  
 TYPICAL SECTION 3



MEMORIAL DRIVE SIDEWALKS PH3  
TYPICAL SECTION 4

**CSCMQ-0008-00(615) DEKALB COUNTY**  
**P.I. No. 0008615**

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The project lies 100% within Dekalb County and within Land Lots 180, 181, 182, 203, 204, 205 in Land District 15.

Date of Location and Design Approval: January 4, 2010

This project will install new concrete sidewalks, granite header curbs, driveway aprons, and ADA accessible ramps along the north side of Memorial Drive (SR 154) between East Lake Boulevard and 2<sup>nd</sup> Avenue and along the south side of Memorial Drive (SR 154) between 2<sup>nd</sup> Avenue and Candler Road (SR 155). Proposed sidewalks will be 5' wide with an adjacent 2' wide stamped concrete band. Portions of existing driveways will be rebuilt in order to meet the grades of the new driveway aprons; these driveways will be replaced in kind with either concrete or asphalt over GAB. A 15' minimum radii will be installed at all intersections on the north side of the road between East Lake Boulevard and 2<sup>nd</sup> Avenue, at all signalized intersections on the north side of the road between 2<sup>nd</sup> Avenue and Candler Road and at all intersections on the south side of the road between 2<sup>nd</sup> Avenue and Candler Road. Trees will be planted 3' behind the sidewalk.

Drawings of maps or plats of the proposed project, as approved, are on file and are available for inspection at the Georgia Department of Transportation:

Persephone Goodwin, Area Four Engineer  
Georgia Department of Transportation  
276 Memorial Drive  
Atlanta, Ga, 30303  
Email: pgoodwin@dot.ga.gov  
Phone: (404) 624-2440

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Michael Lobdell, P.E., District Preconstruction Engineer  
Georgia Department of Transportation  
5025 New Peachtree Road  
Chamblee, GA 30341  
Email: mlobdell@dot.ga.gov  
Phone: (770) 986-1257

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.